

What is claimed is:

1. A graphical user interface input device for creating and editing a simulation model, the device comprising:

5 a first component configured to enter and edit platforms and associated attributes, wherein the platforms have been determined to be included within the simulation model;

 a second component configured to enter and edit commodities; and

 a third component configured to perform one of assigning or removing a commodity to or from a platform.

10 2. The device of Claim 1, further comprising a fourth component configured to create and edit a scenario.

 3. The device of Claim 2, wherein the fourth component further comprises a fifth component configured to add a pulse to the scenario.

15 4. The device of Claim 3, wherein the fourth component further comprises a sixth component configured to delete a pulse from the scenario.

 5. The device of Claim 4, wherein the fourth component further comprises a seventh component configured to view details of a pulse associated with the scenario.

 6. The device of Claim 3, wherein the fourth component includes a sixth component configured to add a platform to a pulse.

20 7. The device of Claim 3, wherein the fourth component includes a sixth component configured to delete a platform from a pulse.

 8. The device of Claim 3, wherein the fourth component further includes a sixth component configured to add a segment to a pulse.

25 9. The device of Claim 8, wherein the fourth component further includes a seventh component configured to delete a segment from a pulse.

 10. The device of Claim 9, wherein the fourth component further includes an eighth component configured to view details of a segment.



11. The device of Claim 8, wherein the first component is further configured to perform one of define or edit attributes of a platform based on at least one of a segment or a pulse.

12. The device of Claim 1, wherein the simulation model is created using a simulation reference modeling language.

5 13. A graphical user interface output device for presenting a model simulated within a scenario, the device comprising:

 a directory structure including:

 a plurality of organizational units, each organizational unit being determined to be included within the model to be simulated; and

10 one or more platform directory structures configured to store platform information based on platform type.

14 The device of Claim 13, further comprising a commodities output area configured to present commodity usage information.

15 15. The device of Claim 14, wherein the commodities output area includes a commodities usage list configured to present commodity usage information of one of a platform, group of platforms, or organizational unit selected in the directory structure.

16. The device of Claim 15, wherein the commodities output area includes a component configured to present effectiveness information.

20 17. The device of Claim 16, wherein the commodities output area further includes a graph for presenting commodity usage over time based on one of the selected operational unit, platform, or group of platforms from the directory structure and a commodity selected from the commodities output area.

25 18. The device of Claim 17, wherein the commodities output area includes a color component configured to display a color patch adjacent to commodity usage information, wherein the color component presents a color based on commodity usage in the simulation model.

19. The device of Claim 13, wherein the simulation model is created using a simulation reference modeling language.



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BLACK LOWE & GRAHAM PLLC

816 Second Avenue
Seattle, Washington 98104
206.381.3300 • F: 206.381.3301

20. A graphical user interface device for creating and editing a simulation model and presenting the simulation model run within a scenario, the device comprising:

a first component configured to enter and edit platforms and associated attributes, wherein the platforms have been determined to be included within the simulation model;

a second component configured to enter and edit commodities;

a third component configured to perform one of assigning or removing a commodity to or from a platform; and

a directory structure including:

10 a plurality of organizational units, each organizational unit being determined to be included within the model to be simulated; and

one or more platform directory structures configured to store platform information based on platform type.

15 21. The device of Claim 20, further comprising a fourth component configured to create and edit a scenario.

22. The device of Claim 21, wherein the fourth component further comprises a fifth component configured to add a pulse to the scenario.

23. The device of Claim 22, wherein the fourth component further comprises a sixth component configured to delete a pulse from the scenario.

20 24. The device of Claim 23, wherein the fourth component further comprises a seventh component configured to view details of a pulse associated with the scenario.

25 25. The device of Claim 22, wherein the fourth component includes a sixth component configured to add a platform to a pulse.

26. The device of Claim 22, wherein the fourth component includes a sixth component configured to delete a platform from a pulse.

27. The device of Claim 22, wherein the fourth component further includes a sixth component configured to add a segment to a pulse.

28. The device of Claim 27, wherein the fourth component further includes a seventh component configured to delete a segment from a pulse.



29. The device of Claim 28, wherein the fourth component further includes an eighth component configured to view details of a segment.

30. The device of Claim 27, wherein the first component is further configured to perform one of define or edit attributes of a platform based on at least one of a segment or a pulse.
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31 The device of Claim 20, further comprising a commodities output area configured to present commodity usage information.

32. The device of Claim 31, wherein the commodities output area includes a commodities usage list configured to present the commodity usage information of one of a platform, group of platforms, or organizational unit selected in the directory structure.
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33. The device of Claim 32, wherein the commodities output area includes a component configured to present effectiveness information.

34. The device of Claim 33, wherein the commodities output area further includes a graph for presenting commodity usage over time based on one of the selected operational unit, platform, or group of platforms from the directory structure and a commodity selected from the commodities output area.
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35. The device of Claim 34, wherein the commodities output area includes a color component configured to display a color patch adjacent to commodity usage information, wherein the color component presents a color based on commodity usage in the simulation model.
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36. The device of Claim 20, wherein the simulation model is created using a simulation reference modeling language.

37. A method for presenting a model simulated within a scenario, the method comprising:

25 presenting a directory structure including:

presenting a plurality of organizational units, each organizational unit being determined to be included within the model to be simulated; and presenting one or more platform directory structures configured to store platform information based on platform type.



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38 The method of Claim 37, further comprising presenting commodity usage information.

39. The method of Claim 38, wherein presenting commodity usage information includes presenting commodity usage information of one of a platform, group of platforms, or organizational unit selected in the directory structure.

40. The method of Claim 39, wherein presenting commodity usage information includes presenting effectiveness information.

41. The method of Claim 40, wherein presenting commodity usage information includes presenting commodity usage over time based on one of the selected operational unit, platform, or group of platforms from the directory structure and a commodity selected from the commodities output area.

42. The method of Claim 41, wherein presenting commodity usage information includes displaying a color patch adjacent to commodity usage information based on commodity usage in the simulation model.

15 43. A computer system comprising:

a processor for executing a simulation model with respect to a scenario;
a display device coupled to the processor, the display device configured to display
a directory structure including:
a plurality of organizational units, each organizational unit being
determined to be included within the executed simulation model; and
one or more platform directory structures including platform information
based on platform type with respect to the executed simulation model.

44 The system of Claim 43, wherein the display device is further configured to display a commodities output area configured to present commodity usage information.

25 45. The system of Claim 44, wherein the commodities output area includes a commodities usage list configured to present commodity usage information of one of a platform, group of platforms, or organizational unit selected in the directory structure.

46. The system of Claim 45, wherein the commodities output area includes a component configured to present effectiveness information.



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47. The system of Claim 46, wherein the commodities output area further includes a graph for presenting commodity usage over time based on one of the selected operational unit, platform, or group of platforms from the directory structure and a commodity selected from the commodities output area.

5 48. The system of Claim 47, wherein the commodities output area includes a color component configured to display a color patch adjacent to commodity usage information, wherein the color component presents a color based on commodity usage in the simulation model.

10 49. The system of Claim 43, wherein the simulation model is created using a simulation reference modeling language.



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816 Second Avenue
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206.381.3300 • F: 206.381.3301